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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: **ARAI, Youichi, et al.**

Group Art Unit: **2838**

Serial No.: **10/551,386**

Examiner: **Not yet assigned**

Filed: **September 29, 2005**

P.T.O. Confirmation No.: **3309**

For: **DEVICE AND METHOD FOR DETECTING FULLY CHARGED STATE,  
STATE OF CHARGE AND DEGRADATION DEGREE**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 10, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the document listed on the attached Form PTO-1449. A copy of the document is attached, together with a copy of EPO Search Report.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: European Search Report  
PTO-1449  
Reference (1)



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 050639	Serial No. 10/551,386
	Applicant(s): ARAI, Youichi, et al.	
	Filing Date: September 29, 2005	Group Art Unit:

### U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	5,614,804	Kayano et al.	3-1997			
_____	AB						
_____	AC						
_____	AD						
_____	AE						

### FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AF				
_____	AG				
_____	AH				
_____	AI				
_____	AJ				

### OTHER DOCUMENTS

_____	AK	
_____	AL	
Examiner		
Date Considered		